Docket No.: S9903.0002

(PATENT)

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Letters Patent of: Paula S. Fried, et al.

Patent No.: RE38,945

Issued: January 24, 2006

For: DENTAL IMPLANTS AND METHODS FOR

EXTENDING SERVICE LIFE

# REQUEST FOR EXPEDITED CERTIFICATE OF CORRECTION PURSUANT TO 37 C.F.R. § 1.322 AND MPEP § 1480.01

Attention: Certificate of Correction Branch Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

Dear Madam:

Upon reviewing the above-identified reissue patent, Patentee notes the following errors made by the U.S. Patent Office which require correction.

### In the claims:

In claim 1, lines 17-18, please delete "at least one indentation penetrating [at least one] of said proximal surface" and replace with --at least one indentation penetrating [at least one of] said proximal surface--.

In claim 14, lines 16-19, please delete "a recess extending into said priximal surface, said recess having a bottom wall including an opening that communicats with said axial hole," and replace with --a recess extending into said proximal surface, said recess having a bottom wall including an opening that communicates with said axial hole,--.

In claim 15, line 25, please delete "A dental implant as in cliam 16," and replace with -- A dental implant as in claim 14,--.

In claim 16, line 27, please delete "A dental implant as in claim 16," and replace with -- A dental implant as in claim 14,--.

In claim 18, line 33, please delete "A dental implant as in claim 19," and replace with -- A dental implant as in claim 17,--.

In claim 19, line 35, please delete "A dental implant as in claim 16," and replace with -- A dental implant as in claim 14,--.

In claim 20, line 37, please delete "A dental implant as in claim 16," and replace with -- A dental implant as in claim 14,--.

In claim 21, line 39, please delete "A dental implant as in claim 16," and replace with -- A dental implant as in claim 14,--.

In claim 22, line 41, please delete "A dental implant as in claim 16," and replace with -- A dental implant as in claim 14,--.

After Claim 22, please insert the following claims 23 to 27:

23. A dental implant for insertion in the jaw bone of a patient, comprising:

an elongated body having a longitudinal axis and an axial hole, said body having a proximal surface generally transverse to said longitudinal axis,

a boss extending from said proximal surface, said boss having a transverse face, generally axially extended side surfaces, and a polygonal cross section as viewed along said axis, and

opposing slots penetrating said transverse face of said boss, said slots being of substantially equal width and mutually aligned with one another.

24. A dental implant as in claim 23, wherein the end of said elongated body having said proximal surface is enlarged relative to the rest of said elongated body.

25. A dental implant as in claim 24, wherein said elongated body is substantially cylindrical, and includes a screw thread circumscribing its exterior.

- 26. A dental implant as in claim 25, wherein said polygonal cross section is a regular polygon having sides of equal length.
- 27. A dental implant as in claim 26, wherein said regular polygon is a square.

### REMARKS / SUPPORT FOR PATENTEE'S ASSERTIONS

Pursuant to 37 C.F.R. §1.322 and MPEP §1480.01, Patentee respectfully submits that all of the errors noted herein are attributable solely to the Office, and respectfully requests a Certificate of Correction be expedited in light of the following evidence of record in the above-noted reissue application.

Claim 1 is being corrected to remedy an error in the placement of the ending bracket for the text as deleted in the May 5, 2005 Amendment filed by patentee. A copy of the May 5, 2005 Amendment is attached as Exhibit 1.

Claim 14 is being corrected to amend a typographical error in the words "proximal" and "communicates." These words were spelled correctly in the version allowed by the Examiner in the May 5, 2005 Amendment (Exhibit 1).

Allowed dependent claims 15, 16 and 18-22 require a correction to the indicated dependency thereof, and to correct a misspelling of the word "claim" in claim 15. Each of allowed dependent claims 15, 16 and 18-22 were examined as claims 17, 18 and 27, 20, 26, 28 and 29, respectively, and ultimately depended from independent claim 16 during reissue examination. See May 5, 2005 Amendment; Exhibit 1. Upon allowance, the allowed dependent claims were renumbered by the Examiner as claims 15, 16 and 18-22, respectively. A copy of the Index of Claims placed in the file by the Examiner on May 16, 2005, showing the renumbering of these allowed dependent claims, is attached as Exhibit 2.

This request further corrects the omission of claims 23-27, which were allowed by the Examiner, but were not printed on the reissue patent. Specifically, claims 23-27 were submitted in a October 28, 2004 Preliminary Amendment (Exhibit 3) as claims 21-25. These claims were allowed by the Examiner on May 16, 2005 (Exhibit 4), and renumbered as claims 23-27, respectively (see Exhibit 2).

Transmitted herewith is a proposed Certificate of Correction effecting the changes noted herein. Patentee respectfully solicits an expedited granting of a Certificate of Correction pursuant to 37 C.F.R. §1.322 and MPEP §1480.01.

No fee is believed due for this filing as all errors are believed to be attributable solely to the Office. In the event a fee is required, the Patent Office is authorized to charge any fee to Deposit Account No. 04-1073.

Dated: May 19, 2009

Respectfully submitted,

Gianni Minutoli

Registration No. 41,198

DICKSTEIN SHAPIRO LLP

1825 Eye Street, NW

Washington, DC 20006

(202) 420-2200

Attorneys for Applicants

(Also Form PTO-1050)

# UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 3

PATENT NO.

RE38,945

APPLICATION NO.

09/667,827

**ISSUE DATE** 

January 24, 2006

INVENTOR(S)

Paula S. Fried, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

#### In the claims:

In claim 1, lines 17-18, please delete "at least one indentation penetrating [at least one] of said proximal surface" and replace with --at least one indentation penetrating [at least one of] said proximal surface--.

In claim 14, lines 16-19, please delete "a recess extending into said priximal surface, said recess having a bottom wall including an opening that communicats with said axial hole," and replace with --a recess extending into said proximal surface, said recess having a bottom wall including an opening that communicates with said axial hole,--.

In claim 15, line 25, please delete "A dental implant as in cliam 16," and replace with --A dental implant as in claim 14,--.

In claim 16, line 27, please delete "A dental implant as in claim 16," and replace with --A dental implant as in claim 14,--.

In claim 18, line 33, please delete "A dental implant as in claim 19," and replace with --A dental implant as in claim 17,--.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. (Also Form PTO-1050)

### UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 2 of 3

PATENT NO.

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January 24, 2006

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It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

#### In the claims:

In claim 19, line 35, please delete "A dental implant as in claim 16," and replace with -- A dental implant as in claim 14,--.

In claim 20, line 37, please delete "A dental implant as in claim 16," and replace with -- A dental implant as in claim 14,--.

In claim 21, line 39, please delete "A dental implant as in claim 16," and replace with -- A dental implant as in claim 14,--.

In claim 22, line 41, please delete "A dental implant as in claim 16," and replace with -- A dental implant as in claim 14,--.

# UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 3 of 3

PATENT NO.

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**ISSUE DATE** 

January 24, 2006

INVENTOR(S)

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It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

#### In the claims:

After claim 22, please insert the following claims 23-27:

23. A dental implant for insertion in the jaw bone of a patient, comprising: an elongated body having a longitudinal axis and an axial hole, said body having a proximal surface generally transverse to said longitudinal axis,

a boss extending from said proximal surface, said boss having a transverse face, generally axially extended side surfaces, and a polygonal cross section as viewed along said axis, and

opposing slots penetrating said transverse face of said boss, said slots being of substantially equal width and mutually aligned with one another.

- 24. A dental implant as in claim 23, wherein the end of said elongated body having said proximal surface is enlarged relative to the rest of said elongated body.
- 25. A dental implant as in claim 24, wherein said elongated body is substantially cylindrical, and includes a screw thread circumscribing its exterior.
- 26. A dental implant as in claim 25, wherein said polygonal cross section is a regular polygon having sides of equal length.
- 27. A dental implant as in claim 26, wherein said regular polygon is a square.

MAILING ADDRESS OF SENDER (Please do not use customer number below): Gianni Minutoli DICKSTEIN SHAPIRO LLP 1825 Eye Street, NW Washington, DC 20006-5403

# EXHIBIT 1

### Nixon Peabody LLP

Attorneys at Law

Suite 900 401 9th Street, N.W. Washington, D.C. 20004-2128 (202) 585-8000

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NO. 0110 P. 2

MAY 0 5 2005

Docket No. 099488-2

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT Re-Issue application of	) Confirmation No.: 1694
U.S. Patent No. 5,810,590	) Art Unit: 3732
Paula S. FRIED et al.	) Examiner: Cary E. O'Connor
Application No.: 09/667,827	)
Filed: September 22, 2000	`
For: DENTAL IMPLANTS AND METHODS FOR EXTENDING SERVICE LIFE	) DATED: May 5, 2005

SUPPLEMENTAL AMENDMENT PURSUANT TO 37 C.F.R. § 1.173(B)(2) FOR A REISSUE APPLICATION

#### MAIL STOP REISSUE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Further in response to the Office Action mailed January 14, 2005, please amend this application as follows:

CERTIFICATE OF FAX TRANSMISSION

I hereby certify that this correspondence is being facsimile transmitted to the USPTO at (571) 273-4715 AND (703) 872-9306,

W637026.1

Atty Docket No. 99488-2

U.S. Serial No. 09/667,827 Amendment Under 37 CFR 1.173(b)(2) for Reissue Application Response to OA dated Jan. 14, 2005

#### IN THE CLAIMS:

#### Please amend the claims as indicated below:

- 1. (Four Times Amended): A dental implant for insertion in the jaw bone of a patient, comprising:
- an elongated body having a longitudinal axis and a proximal surface generally transverse to said longitudinal axis,
- a boss extending from said proximal surface, said boss having a transverse face, generally axial extended side surfaces, and a non-round cross section as viewed along said axis,
- at least one indentation penetrating [at least one of] said proximal surface of said body and said transverse face of said [implant] boss, said at least one indentation being adapted to engage an insertion device or at least one protrusion of a dental prosthesis or an abutment so as to fix the position of the prosthesis or abutment relative to said implant.
- 16. (Amended): A dental implant for insertion in the jaw bone of a patient, comprising:
- an elongated body having a longitudinal axis and an axial hole, said body having a proximal end that terminates in a proximal surface that is generally transverse to said longitudinal axis.
- a recess extending into said proximal surface, said recess having a bottom wall including an opening that communicates with said axial hole, and smooth, generally axial extended side surfaces, and
- a plurality of slots penetrating said proximal surface and axially extending only part way down said side surfaces toward said bottom wall, said slots being adapted to engage an insertion device or at least one protrusion of a dental prosthesis or abutment so as to fix the position of the abutment or crown relative to said implant.

NO. 0110 P. 4

Atty Docket No. 99488-2

U.S. Serial No. 09/667,827 Amendment Under 37 CFR 1.173(b)(2) for Reissue Application Response to OA dated Jan. 14, 2005

- 17. (Amended) A dental implant as in claim 16. wherein said body includes an enlarged end.
- 18. (Amended): A dental implant as in claim 16, wherein said recess includes a beveled surface.
- 19. (Amended): A dental implant as in claim 16, wherein said elongated body includes screw threads around its exterior beneath said enlarged end, and a diameter of said enlarged end is greater than a diameter of said screw threads.
- 20. (Amended): A dental implant as in claim 16, wherein said recess has curved side surfaces.

#### Please add the following new claims:

- 26. A deutal implant as in claim 16, wherein said slots have flat sides that intersect in substantially right angles.
- 27. A dental implant as in claim 19, wherein said enlarged end includes a circular flange.
- 28. A dental implant as in claim 16, wherein said bottom wall of said recess is substantially planar.
  - 29. A dental implant as in claim 16, wherein said axial hole is threaded.

•NO. 0110----P. 5-

U.S. Serial No. 09/667,827 Amendment Under 37 CFR 1.173(b)(2) for Reissue Application Response to OA dated Jan. 14, 2005 Atty Docket No. 99488-2

#### REMARKS

This Supplemental Amendment places into proper form the Amendment filed on March 25, 2005. Applicants' attorney respectfully requests that this Supplemental Amendment replace the Amendment filed March 25, 2005. If any extension fees are required, the USPTO is authorized to charge to the attorney's Deposit Account No. 19-2380 any fees due for such extensions.

As required by 37 CFR §1.173(c), the status of the claims is as follows::

Claims 1, 12 and 15

pending original claims amended

Claims 2-11

pending original claims

Claims 13 and 14

canceled original claims

Claims 16-25

new claims amended

Claims 26-29

new claims

Claims 1-12, 15 and 21-25 have been indicated as allowable by the Examiner in previous Office Actions. This Amendment corrects a minor typographical error in claim 1 by deleting "of," and further amends claims 16-20 to define around the prior art, as discussed in detail below.

The rejection of the claims under 37 CFR § 1.175(B)(1) has been obviated by the filing of a Supplemental Reissue Declaration via facsimile on January 6, 2005. An additional Supplemental Reissue Declaration signed by both inventors will be filed in a Supplemental Response to cover the presently amended claims.

Applicant's attorney acknowledges with gratitude the interview granted by Examiner O'Connor and held on March 22, 2005. The claims have been amended in conformance with a suggestion made by the Examiner at the interview as to how to render them patentable over the prior art of record. In particular, claim 16 now recites a dental implant for insertion into

,W637026,1

Atty Docket No. 99488-2

U.S. Scrial No. 09/667,827 Amendment Under 37 CFR 1.173(b)(2) for Reissue Application Response to OA dated Jan. 14, 2005

the jaw bone of a patient that comprises an elongated body, a longitudinal axis and an axial hole and a proximal surface generally transverse to said longitudinal axis and a recess extending into the proximal surface, and

"a plurality of slots penetrating said proximal surface and axially extending only part of way down said side surfaces toward said bottom wall, ..."

Claim 16 now defines over the Gersberg '892 patent, whose striations 8 in the cylindrical cavity of the implant extend all the way to the bottom wall of the cavity.

Support for amended claim 16 is present in column 13, lines 58-65 in combination with column 10, lines 16-20. These portions of the specification are reproduced herein below for the convenience of the Examiner. Column 13, lines 58-65 reads as follows:

It should also be understood that a reversal of features is intended to fall within the inventions scope. Thus any boss cross-section which has been described as protruding from the flange surface 44 may also be formed (and viewed in the Figures) as a recess in the surface 44. In such a construction the mating crown or abutment is fabricated with a correspondingly shaped protrusion (or protrusions) that seat(s) in the recess (or recesses). (Emphasis added.)

Column 10, lines 16-20 reads as follows:

The slot 94' may penetrate in depth into the upper surface 100 of the boss 92, as illustrated with the solid lines in FIG. 10a. On the other hand, the slot depth may be extended (not shown) substantially, even into the flange 45, that is, below the surface 44 of the flange 45. (Emphasis added.)

Reading these two sections of the specification together, if the boss 92 is viewed as a recess, it is clear that the slots 94' do not have to penetrate the entire length of the recess, since they

W637026.1

Atty Docket No. 99488-2

U.S. Serial No. 09/667,827 Amendment Under 37 CFR 1.173(b)(2) for Reissue Application Response to OA dated Jan. 14, 2005

do not have to penetrate the entire length of the boss. Thus, amended claim 16 is well supported by the specification.

As the Kwan '197 and Krauser '475 patents were cited for features which have been deleted from claim 16, no further discussion of these references is deemed necessary.

Claims 17-20 and new claims 26-29 are patentable at least by reason of their dependency upon amended claim 16.

Now that all the claims are believed to be allowable, the prompt issuance of a Notice of Allowability is hereby earnestly solicited.

The Commissioner is authorized to charge any deficiencies or credit any overpayment to Deposit Account No. 19-2380 (099488-2).

Respectfully submitted,

Thomas W. Cole

Registration No. 28,290

NIXON PEABODY LLP Customer No. 22204 401 9<sup>314</sup> Street N.W. Suite 900 Washington, D.C. 20004-2128 (202) 585-8000 (202) 585-8080 (fax)

## **EXHIBIT 2**

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# **EXHIBIT 3**

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OCT. 28. 2004 3:57PM

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# Nixon Peabody LLP Attorneys at Law

Suite 900 401 9th Street, N.W. Washington, D.C. 20004-2128 (202) 585-8000

Fax: (202) 585-8080

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-NO. 1291--P. 1

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P. 2 NO. 1291

Docket No 099488-2

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE In re PATENT Re-Issue application of ) Art Unit: 3732 U.S. Patent No. 5,810,590 ) Examiner: Cary E. O'Connor Paula S. FRIED et al. Application No.: 09/667,827 Filed: September 22, 2000 ) Confirmation No.: 1694 DENTAL IMPLANTS AND METHODS FOR EXTENDING SERVICE LIFE For:

CERTIFICATE OF MAILING OR THANSMISSION

I hereby certify that this corresponde 872-9306, on October 29, 2004.

### PRELIMINARY AMENDMENT PURSUANT TO 37 C.F.R. § 1.173(B)(2) FOR A RE-ISSUE APPLICATION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Please preliminarily amend this continuation re-issue application by the addition of Sir: new claims 16-25 as attached.

Amendments to the claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks start on page 7 of this paper.

U.S. Serial No. 09/667,827 Atty. Docket: 099488-2 Preliminary Amendment

### LISTING OF CLAIMS:

# Please add new claims 16-25 as indicated below:

A dental implant for insertion in the jaw hone of a patient, (New): 16.

an elongated body having a longitudinal axis and an axial holo, said body having an comprising: enlarged end that terminates in a proximal surface generally transverse to said longitudinal

a recess extending into said proximal surface, said recess having a transverse face axis including an opening that communicates with said axial hole, and generally at ial extended side surfaces, and

a plurality of slots penetrating said proximal surface and axially extending at least part way down said side surfaces toward said transverse face, said slots being adapted to engage an insertion device or at least one protrusion of a dental prosthesis or abutment; o as to fix the position of the abutment or crown relative to said implant.

- (New): A dental implant as in claim 16, wherein said enlarged end of said elongated body is a flange.
  - (New): A dental implant as in claim 16, wherein said recess it cludes a bevel. 18.
- A dental implant as in claim 16, wherein said elongated body includes screw threads beneath said enlarged portion that substantially covers the exterior of said body.
- (New): A decital implant as in claim 16, wherein said recess is substantially 20. cylindrical in shape.
- (New): A dental implant for insertion in the jaw hine of a patient. 21. comprising:

an elongated body having a longitudinal axis and an axial hole, Htid body having a proximal surface generally transverse to said longitudinal axis;

lage 3

U.S. Serial No. 09/667,827 Atty. Docket: 099488-2 Preliminary Amendment

a boss extending from said surface, said boss having a transverse face generally axially extended side surfaces, and a polygonal cross section as viewed along said axis, and opposing slots penetrating said transverse face of said boss, said slots being of substantially equal width and mutually aligned with one another.

- 22. (New): A dental implant as in claim 21, wherein the end of said elongated body having said proximal surface is enlarged relative to the rest of said elongated.
- 23. (New): A dental implant as in claim 22, wherein said elongated body is substantially cylindrical, and includes a screw thread circumscribing its exterior.
- 24. (New): A dental implant as in claim 23, wherein said polygons cross section is a regular polygon having sides of equal length.
- 25. (New): A dental implant as in claim 24, wherein said regular polygon is a square.

1 age 4

U.S. Serial No. 09/667,827 Atty. Docket: 099488-2 Preliminary Amendment

### REMARKS

As is required by 37 CFR §1.173(c), the status of the claims is as follows:

Claims 1, 12 and 15

Claims 2-11 Claims 13 and 14

Claims 16-25

pending original claims amended

pending original claims canceled original claims

new claims

Claims 1-12 and 15 have been indicated as allowable by the Examiner in the previous Office Action.

New Claim 16 finds support in the original specification on column 10, 1 nes 16-211; column 13, lines 57-65 and in Figures 10a and 10b. The recited recess of this claim is present when boss 92 of Figures 10a and 10b is interpreted as a recess in accordance with column 13, lines 57-65. The recited slots and their relative recited depths find support on rolumn 10, lines 16-21. New claim 16 also finds support in Figure 19k when read in conjunction with column 13, lines 57-65. New claims 17 and 18 find support in the flange 45 and bevel 93 disclosed in Figures 10a and 10b. New claims 19 and 20 are similarly supported by Figures 10a, 10b and Figure 19k. New claims 21-25 are supported by Figures 10a, 10b and 11.

Examination of new claims 16-25 on the merits is respectfully requested. A Supplemental Re-issue Application Declaration signed by the inventors will be filed shortly.

Tage 5

U.S. Serial No. 09/667,827 Atty. Docket: 099488-2 Preliminary Amendment

The Commissioner is authorized to charge any deficiencies or credit any our repayment

to Deposit Account No. 19-2380 (099488-2).

Respectfully submitted,

Thomas W. Cole

Registration No. 28,290

NIXON PEABODY LLP 401 9<sup>TH</sup> Street N.W. Suite 900 Washington, D.C. 20004-2128 (202) 585-8000 (202) 585-8080 (fax)

## **EXHIBIT 4**



### United States Patent and Trademark Office



UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

### NOTICE OF ALLOWANCE AND FEE(S) DUE

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05/16/2005

NIXON PEABODY, LLP 401 9TH STREET, NW SUITE 900 WASHINGTON, DC 20004-2128 EXAMINER

O'CONNOR, CARY E

ART UNIT

PAPER NUMBER

3732

DATE MAILED: 05/16/2005

APPLICATION NO.	FILING DATE	. FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/667,827	09/22/2000	Paula S. Fried	099488-000002	1694

TITLE OF INVENTION: DENTAL IMPLANTS AND METHODS FOR EXTENDING SERVICE LIFE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	ĺ
nonprovisional	NO	\$1400	\$0	\$1400	08/16/2005	

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 (703) 746-4000

or <u>Fax</u>

INSTRUCTIONS: This fo appropriate. All further co- indicated unless corrected maintenance fee notification	delow or directed otherwise	smitting the ISSU Patent, advance or in Block 1, by (a	IE FEE and ders and noti ) specifying	PUBLIC ification a new co	CATION FEE (if requ of maintenance fees v orrespondence address	ired). Blocks 1 through 5 s will be mailed to the current ; and/or (b) indicating a sepa	hould be completed where correspondence address as arate "FEE ADDRESS" for	
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3. ASSIGNEE NAME AND	RESIDENCE DATA TO BE	PRINTED ON T	HE PATENT	(print o	r type)	•	7	
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Please check the appropriate	assignee category or categori	ies (will not be pri	nted on the pa	atent) :	☐ Individual ☐ Co	orporation or other private gro	oup entity Government	
4a. The following fee(s) are	enclosed;	4b.	Payment of	Fec(s):				
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	MALL ENTITY status. See 3		b. Applica	ant is no	longer claiming SMA	LL ENTITY status. See 37 Cl	FR 1.27(g)(2).	
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This collection of information an application. Confidentialing submitting the completed applits form and/or suggestions Box 1450, Alexandria, Virginal Alexandria, Virginia 22313-1 Under the Paperwork Reduction	n is required by 37 CFR 1.31 ty is governed by 35 U.S.C. plication form to the USPTO for reducing this burden, sho nia 22313-1450. DO NOT S 450. ion Act of 1995, no persons a	The information     22 and 37 CFR is     Time will vary ould be sent to the     END FEES OR Course required to response.	n is required to 14. This coll depending up Chief Inform OMPLETED cond to a coll	o obtain lection is on the in lation Of FORMS	or retain a benefit by to settimated to take 12 andividual case. Any conficer, U.S. Patent and TO THIS ADDRESS information unless it of the setting th	No.  He public which is to file (and minutes to complete, includin mments on the amount of tir Trademark Office, U.S. Dept. S. SEND TO: Commissioner of the control of the public and the control of the public was a valid OMB control of the public was a valid of the pub	by the USPTO to process) g gathering, preparing, and ne you require to complete artment of Commerce, P.O. for Patents, P.O. Box 1450, number.	
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### UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. Box 1459 Alexandria, Vignina 22313-1450

APPLICATION NO.	FI	LING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/667,827	,827 09/22/2000		Paula S. Fried	099488-000002	1694
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401 9TH STRE SUITE 900	ET, NW		•	ART UNIT	PAPER NUMBER
WASHINGTO	N, DC 2000	)4-2128		3732	
				DATE MAILED: 05/16/2003	5

### Determination of Patent Term Extension or Adjustment under 35 U.S.C. 154 (b)

A reissue patent is for "the unexpired part of the term of the original patent." See 35 U.S.C. 251. Accordingly, the above-identified reissue application is not eligible for Patent Term Extension or Adjustment under 35 U.S.C. 154(b).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

	Application No.	Applicant(s)		
	09/667,827	FRIED ET AL.		
Notice of Allowability	Examiner	Art Unit		
	Cary E. O'Connor	3732		
The MAILING DATE of this communication apperation apperation all claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this or other appropriate communicat GHTS. This application is subject	application. If not included ion will be mailed in due course. THIS		
1. 🔀 This communication is responsive to supplemental declara-	tion filed 4/18/05, applicant's ame	endments filed 3/ 25/05 and 5/5/05.		
2. The allowed claim(s) is/are 1-12 and 15-29.		,		
3. X The drawings filed on 22 September 2002 are accepted by	the Examiner.			
4. Acknowledgment is made of a claim for foreign priority un a) All b) Some* c) None of the:  1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)).  * Certified copies not received:  Applicant has THREE MONTHS FROM THE "MAILING DATE" on the priority documents have International Bureau (PCT Rule 17.2(a)).	been received. been received in Application No. cuments have been received in the	is national stage application from the		
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  5.  A SUBSTITUTE OATH OR DECLARATION must be subminiformal PATENT APPLICATION (PTO-152) which give	itted. Note the attached EXAMINI	ER'S AMENDMENT or NOTICE OF aration is deficient.		
6. CORRECTED DRAWINGS ( as "replacement sheets") mus  (a) including changes required by the Notice of Draftspers  1) hereto or 2) to Paper No./Mail Date  (b) including changes required by the attached Examiner's Paper No./Mail Date  Identifying indicia such as the application number (see 37 CFR 1, each sheet, Replacement sheet(s) should be labeled as such in the search sheet.	t be submitted, on's Patent Drawing Review (PT a Amendment / Comment or in the 84(c)) should be written on the dra	O-948) attached e Office action of wings in the front (not the back) of		
7. DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT	sit of BIOLOGICAL MATERIA	L must be submitted. Note the		
Attachment(s)  1. ☑ Notice of References Cited (PTO-892)  2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)  3. ☑ Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 31505,41805  4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	6, ☐ Interview Summa Paper No./Mail ( 8), 7. ☐ Examiner's Ame	Date		

Docket No.: S9903.0002

(PATENT)

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Letters Patent of: Paula S. Fried, et al.

Patent No.: RE38,945

Issued: January 24, 2006

For: DENTAL IMPLANTS AND METHODS FOR

EXTENDING SERVICE LIFE

# REQUEST FOR CERTIFICATE OF CORRECTION PURSUANT TO 37 C.F.R. § 1.323

Attention: Certificate of Correction Branch

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Madam:

Upon reviewing the above-identified reissue patent, Patentee noted a typographical error which should be corrected.

### In the claims:

In claim 17, line 29, please delete "A dental implant as in claim 16," and replace with --A dental implant as in claim 15,--.

The inadvertent typographical error in the dependency of reissued claim 17 was found in the Amendment as filed by applicant on May 5, 2005. Specifically, in the May 5, 2005 Amendment, applicant indicated that pending claim 19 (which was renumbered as reissued claim 17) should depend from pending claim 16 (which was renumbered as reissued claim 14). However, pending claim 19 should have depended from pending claim 17 (which was renumbered as reissued claim 15).

Please charge our Credit Card in the amount of \$100.00 covering the fee set forth in 37 C.F.R. § 1.20(a). Credit Card Payment Form SB-2038 is transmitted herewith.

The error now sought to be corrected is an inadvertent typographical error the correction of which does not involve new matter or require reexamination.

Transmitted herewith is a proposed Certificate of Correction effecting such amendment.

Patentee respectfully solicits the granting of the requested Certificate of Correction.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1073.

Dated: May 19, 2009

Respectfully submitted,

Gianni Minutoli

Registration No. 41,198 DICKSTEIN SHAPIRO LLP

1825 Eye Street, NW

Washington, DC 20006

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Attorneys for Applicants

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# UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page \_1\_ of \_1\_

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INVENTOR(S)

Paula S. Fried, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

### In the claims:

In claim 17, line 29, please delete "A dental implant as in claim 16," and replace with --A dental implant as in claim 15,--.